

Personnel Associated with Significant Energy Uses (example)

Examples of personnel who can impact significant energy uses are listed in the table below. This example lists personnel associated with industrial and commercial buildings. Estimated % of Total Energy Consumption would be determined by measurement or engineering calculations.

Significant Energy Use (SEU)	Estimated % of Total Energy Consumption	Responsible Personnel	Responsibilities that can influence significant energy uses
Boiler operations	46.1	Boiler operator	Boiler startup and shutdown, operating pressure, water treatment, combustion tune-up, blowdown schedule
Direct expansion air conditioner or heat pump	27.4	Maintenance technicians; Building manager/occupants	Refrigerant charge, coil and evaporator cleanliness, filter cleanliness, set point
Chiller, Air handler, cooling tower	11.6	Maintenance technicians	Chilled and condenser water temperature, chiller suction and head pressure, refrigerant charge, cooling tower fill and evaporator coil cleanliness, chilled and condenser water quality and treatment
Gas fired heaters	22.9	Maintenance technicians,; Building manager/occupants	Combustion tune up, set point
Lighting	15.3	Maintenance technicians; Building manager/occupants	Bulb replacement, lights on/off, timer settings
Compressed air	10.3	Production personnel; Maintenance technicians	Operation of air compressors, operating pressure, filter and oil changes, control maintenance and tuning, dryer effectiveness and efficiency, condensate blow-off scheduling
Process motors: votator, homogenizer, mixers, baggers, production equipment	4.0	Production personnel	Process motor operating schedule: startup and shutdown, planning operation to ensure high load factor, maintaining motor cooling airflow